This course supports the assessments for Mathematics: Content Knowledge. The course covers 2 competencies.

Introduction

Course Overview

Mathematics: Content Knowledge is designed to help students refine and integrate the mathematics content knowledge and skills necessary to become a successful secondary mathematics teacher. A high level of mathematical reasoning skills and the ability to solve problems are necessary to complete this course. Prerequisites for this course are College Geometry, Probability and Statistics I, and Pre-Calculus.

Getting Started

Welcome to Mathematics: Content Knowledge! The course materials have been designed and selected by the Course Instructor team to effectively prepare you for the Praxis Subject Assessment Mathematics: Content Knowledge (5161). To get started, navigate to Preparing for Success > Learning Resources. There you will find information about accessing practice exams. You will also find the “Launch Course” button there, which will direct you to a complete set of practice material for each content area.

Teaching Dispositions Statement

Please review the Statement of Teaching Dispositions

Preparing for Success

The information in this section is provided to detail the resources available for you to use as you complete this course.

Learning Resources

Practice Exams:

*Note: Internet Explorer is not recommended for viewing this course content.*

Follow the instructions within the course to check your readiness with practice exams. The following instructions explain how to access these practice exams.

Exam Edge

Exam Edge provides full-length practice exams designed specifically to help students prepare for the Mathematics: Content Knowledge (5161) exam. These practice exams include a review page that contains detailed step-by-step explanations for each question in the exam. You may access the following tests at Exam Edge for Mathematics: Content Knowledge:

- free Practice Test
- Practice Tests 1-3 (already paid for by WGU)
- additional tests available for purchase (not recommended for most students)

ETS Practice Exam

The ETS Practice Exam is a full-length practice test that allows you to work through a set of test questions to simulate what you will experience on the actual day of the PRAXIS exam. After a completed attempt, you can view your score and review explanations for the correct answers. You will have unlimited attempts regardless of any notice to the contrary on the ETS website. This practice test includes one set of test questions. Retaking it will not provide different sets of questions or change the order in which they are delivered.

Launch Your Course

When you are ready to begin the course, click the "Launch Course" button:

Launch Course

Assessment Information

Payment

WGU will pay for your first two attempts at the Praxis Subject Assessment Mathematics: Content Knowledge (5161) exam. You will be responsible for paying for the cost of third and subsequent attempts. WGU will not pay for extended or emergency registration, so be sure to plan ahead when scheduling the exam (schedule at least four weeks in advance). Please see the Test and Service Fees web page for detailed information on registering and test and service fees.

Scheduling

The Praxis Subject Assessment Mathematics: Content Knowledge (5161) exam is only offered as a computer-delivered test. Please visit the Computer-delivered Test Centers and Dates web page for a list of available sites and testing windows. These tests are offered only during certain time frames and not all test centers are open on all test dates, so plan accordingly (schedule at least four weeks in advance).

Once you have selected a testing center and date, use the directions on the Accessing Objective and Outside Vendor Assessments web page to schedule your exam.

Note: You must schedule your Praxis exam through WGU in order to have WGU pay for the exam.

Submit Your Score

You will need to submit your scores to WGU after completing this exam. Once you have
submitted your passing score, you will receive a "Pass" on your Degree Plan for the assessment. After completing an outside vendor assessment, follow the directions for submitting a score report on the Following Outside Vendor Assessments web page.

Competencies
This course provides guidance to help you demonstrate the following competencies:

- **Competency 210.6.1.: Synthesis of Secondary Mathematics Concepts and Practices**
  The graduate synthesizes mathematical concepts and practices essential in secondary school mathematics to generate a comprehensive understanding of the discipline.

- **Competency 210.6.2: Verification of Secondary Mathematics Content Knowledge and Skills**
  The graduate verifies that they possess the requisite mathematical knowledge and skills by passing the mathematics content knowledge test required to become a beginning teacher of secondary school mathematics.